

We claim:

1. A deflector attachable to an electronic components card and having a scoop for directing airflow over the card for cooling electronic components mounted to the card.
2. The deflector defined in claim 1 wherein the deflector is movable with respect to the card for changing the location of the scoop with respect to the card to direct cooling air to different portions of the card.
3. The deflector defined in claim 1 wherein the scoop extends from the deflector along the card plane and beyond the card edge when the deflector is attached to the card for redirecting cooling air over the card.
4. The deflector defined in claim 1 further comprising a gripping member for attaching the deflector to the card.
5. The deflector defined in claim 4 wherein the gripping member comprises a pair of walls having spaced apart interior surfaces forming a channel for receiving the card for attaching the deflector to the card.
6. The deflector defined in claim 5 wherein the gripping member further comprises a hinge connecting first ends of the walls together, the hinge biasing the walls into a spaced apart arrangement to form the channel.
7. The deflector defined in claim 6 wherein the hinge is flexible to enable the first ends of the walls to be moved apart to widen the channel.
8. The deflector defined in claim 7 wherein the gripping member further comprises a clip for retaining the card in the channel to maintain attachment of the deflector to the card.
9. The deflector defined in claim 8 wherein the clip extends into the channel from a second end of the interior surface of at least one of the walls.

10. The deflector defined in claim 9 wherein the gripping member further comprises a pair of clips disposed on opposite interior surfaces of the walls and extending into the channel, each clip extending from a first end of the interior surface of a wall.

11. The deflector defined in claim 1 wherein the deflector is attachable to an electronic components card edge.

12. The deflector defined in claim 1 wherein the deflector is attachable to an electronic components card guide.

13. The deflector defined in claim 12 wherein the deflector is attachable to an electronic components card guide rail.

14. A method of cooling electronic components mounted to an electronic components card, the method comprising:

providing a deflector having a scoop for redirecting cooling air; and

attaching the deflector to the card so that the scoop directs cooling air over the card to cool the electronic components.

15. The method defined in claim 14 wherein the attaching step includes attaching the deflector at a desired location along the card edge to direct air over a desired portion of the card.

16. The method defined in claim 14 comprising:

providing a plurality of deflectors, each having a scoop for redirecting cooling air; and

attaching the plurality of deflectors to the card so that the scoops direct cooling air over the card to cool the electronic components

17. An electronic components card having electronic components mounted thereon comprising:

a deflector having a gripping member for attaching the deflector to the card for directing cooling air over the card for cooling the electronic components.

18. The electronic components card defined in claim 17 wherein the deflector is movable with respect to the card for directing cooling air to different portions of the card.

19. The electronic components card defined in claim 17 wherein the deflector includes a scoop extending from the deflector along the plane of the card and beyond the edge of the card when the deflector is attached to the card for redirecting cooling air over the card.

20. The electronic components card defined in claim 17 wherein the gripping member further comprises:

a pair of walls having spaced apart interior surfaces forming a channel for receiving the card for attaching the deflector to the card; and

a hinge connecting first ends of the walls together, the hinge biasing the walls into a spaced apart arrangement to form the channel.